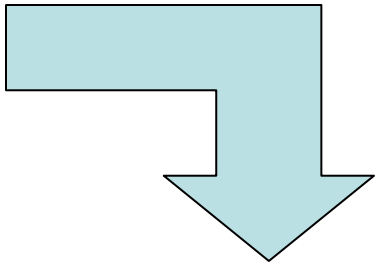
Table 3. Individual Values of the Massic Energy of Combustion, $\Delta_c u^\circ$, for the Compounds, at $T = 298.15$ K

1-methyl-3-piperidinol	1-ethyl-3-piperidinol	1-methyl-4-piperidinol
	$-\Delta_c u^\circ/(\mathrm{J \cdot g^{-1}})$	
34082.67	35385.57	33998.83
34086.76	35392.81	34000.16
34072.03	35393.47	34005.49
34066.73	35378.82	33978.33
34064.55	35366.63	33984.60
34060.09	35372.96	33990.18
	35388.60	
	$-\langle\Delta_c u^\circ\rangle/(\mathrm{J \cdot g^{-1}})$	
34072.1 ± 4.3	35382.7 ± 3.9	33992.9 ± 4.2



Data Summary entry for this table

Table #: 3
System type (Pure, Binary, Ternary, Reaction): Reaction
Chemical Reaction(s): Combustion of the liquids (See eq. 1 & 2):
1-methyl-3-piperidinol
1-ethyl-3-piperidinol
1-methyl-4-piperidinol
Property: Energy of Combustion
Experimental Method: static oxygen bomb calorimetry
Combined Expanded Uncertainty (k = 2) for the Property:
$2\sigma(u)$ values are given in the table
State Variables and Constraints:
temperature T = 298.15 K, pressure p = 100 MPa
Standard Uncertainty (k = 1) for Variables and Constraints:
$\sigma(T)$ = 0.01 K; $\sigma(p)$ = 1%

Note: There is no need to mention derived properties, such as enthalpies of formation